

# Safety Data Sheet

Revision: 05/01/2017

## Section 1: Identification

### 1.1 PRODUCT IDENTIFICATION

**PRODUCT NAME:** *M. Graham & Co. Watercolor*

**USE OF PRODUCT:** *Artists professional watercolor products. For application with brush to a substrate. Not intended for spray application, sanding or other operations which generate dust or airborne concentrations. Not intended for use by children.*

**COLORS:** *Alizarin Crimson, Anthraquinone Blue, Azo Green, Azo Orange, Azo Yellow, Bismuth Yellow, Burnt Sienna, Burnt Umber, Cadmium Orange, Cadmium Red, Cadmium Red Deep, Cadmium Red Light, Cadmium Yellow, Cadmium Yellow Deep, Cadmium Yellow Light, Celtic Green, Cerulean Blue, Cerulean Blue Deep, Chinese White, Cobalt Blue, Cobalt Green, Cobalt Teal, Cobalt Violet, Dioxazine Purple, Gamboge, Hansa Yellow, Hansa Yellow Deep, Highland Green, Hooker's Green, Indian Yellow, Ivory Black, Lamp Black, Manganese Blue Hue, Maroon, Perylene, Mineral Violet, Naphthol Red, Naples Yellow, Neutral Tint, Nickel Azo Yellow, Nickel Quinacridone Gold, Olive Green, Payne's Gray, Permanent Alizarin, Permanent Green Light, Permanent Green Pale, Phthalocyanine Blue, Phthalocyanine Blue Red Shade, Phthalocyanine Green, Phthalocyanine Green Yellow Red, Prussian Blue, Pyrrol Red, Quinacridone Red, Quinacridone Rose, Quinacridone Rust, Quinacridone Violet, Raw Sienna, Raw Umber, Sap Green, Scarlet Pyrrol, Sepia, Tartan Blue, Terra Rosa, Titanium White, Titanium White Opaque, Transparent Orange Iron Oxide, Transparent Red Iron Oxide, Transparent Yellow Iron Oxide, Turquoise, Ultramarine Blue, Ultramarine Pink, Ultramarine Violet, Ultramarine Violet Deep, Viridian, Yellow Ochre, Zinc White*

#### COMPANY DETAILS:

**NAME:** *M. Graham & Co.*

**ADDRESS:** *P.O. Box 215 West Linn, OR 97068*

**TEL:** *503-656-6761*

### 1.2 EMERGENCY TELEPHONE

**Poison Control Center:** *800-222-1222*

## Section 2: Hazard(s) Identification

### 2.1. Health Risks and Systems of Exposure

**Inhalation:** None expected under normal use.

**Eye Contact:** Prolonged or repeated contact may be irritating to eyes.

**Skin Contact:** Prolonged or repeated contact may be irritating to skin.

**Ingestion:** May cause irritation or pain to gastrointestinal system.

**Carcinogenicity:** Certain components and some pigments may be linked to carcinogenic response in testing.

**Medical Conditions Aggravated by Exposure:** None Known.

### 2.2. Other Hazards

**CADMIUM (CAS NO. 7440-43-9):** Cadmium Compounds are classified by IARC, NTP and OSHA as probably carcinogenic in humans through inhalation. OSHA also classifies such compounds as causing lung and kidney disease. Pigmentary cadmium compounds have been shown to be significantly less biologically available and active than the other compounds. Adverse effects of this mixture as an artists' color have not been demonstrated.

This material should not be applied by spray due to potential for harmful effects in the lungs if inhaled.

**WARNING:** This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm. Do not spray apply. Keep out of reach of children.

**Applies to:** Cadmium Orange, Cadmium Red, Cadmium Red Deep, Cadmium Red Light, Cadmium Yellow, Cadmium Yellow Deep, Cadmium Yellow Light.

# Safety Data Sheet

Revision: 05/01/2017

**COBALT (CAS NO. 7440-48-4):** Individuals hypersensitive to cobalt may develop asthma, bronchitis, or shortness of breath. May cause skin sensitization. Cobalt compounds, when used as anti-foams, have caused cardiac damage when ingested with large quantities of fluids. IARC lists cobalt and cobalt compounds as possible human carcinogens and notes inadequate evidence of carcinogenicity in humans based upon animal studies. The cobalt compound in this product has not been specifically identified as a possible carcinogen.

**WARNING:** This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm. Keep out of the reach of children.

Applies to: Celtic Green, Cerulean Blue, Cerulean Blue Deep, Cobalt Blue, Cobalt Green, Cobalt Teal, Cobalt Violet, Highland Green, Tartan Blue.

**CHROMIUM (CAS NO. 7440-47-3):** Chromium and some of its compounds are considered carcinogenic, both in animals and humans. Evidence of Chromium (III) compounds carcinogenicity, in pigment form is inconclusive. May cause delayed effects involving the respiratory system. Eye and skin irritant.

Applies to: Cerulean Blue, Cerulean Blue Deep, Highland Green, Naples Yellow, Tartan Blue, Viridian.

**MANGANESE (CAS NO. 7439-96-5):** Overexposure may affect the central nervous system and lungs, resulting in transitory psychosis, tiredness, weakness and pneumonitis. May aggravate preexisting neurological conditions.

Applies to: Burnt Umber, Mineral Violet, Raw Umber.

**QUINACRIDONES (CAS NO. 1047-16-1):** May cause dermatitis. Eye, skin irritant.

Applies to: Nickle Quinacridone Gold, Quinacridone Red, Quinacridone Rose, Quinacridone Rust, Quinacridone Violet.

**PHTHALOCYANINES (CAS NO. 547-93-6):** May cause dermatitis. Eye, skin irritant.

Applies to: Hooker's Green, Manganese Blue, Olive Green, Permanent Green Light, Permanent Green Pale, Phthalocyanine Blue, Phthalocyanine Blue Red Shade, Phthalocyanine Green, Phthalocyanine Green Yellow Shade, Sap Green, Turquoise.

**NICKEL (CAS NO. 7440-02-0):** IARC and NTP state there is sufficient evidence of carcinogenicity in experiments with animals and humans. Ingestion may result in damage to the testes. May cause skin irritation. **WARNING:** This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm. Do not spray apply. Keep out of reach of children.

Applies to: Nickle Azo Yellow, Nickel Quinacridone Gold.

**ZINC (CAS NO. 7440-66-6):** Overexposure may result in fever, chills, muscular pain or nausea.

Applies to: Chinese White, Titanium White, Zinc White.

## Section 3: Composition/Information on Ingredients

| Hazardous Component | CAS NO.   | % Composition |
|---------------------|-----------|---------------|
| Cadmium             | 7440-43-9 | <19           |
| Cobalt              | 7440-48-4 | <23           |
| Chromium            | 7440-47-3 | <23           |
| Manganese           | 7439-96-5 | <16           |
| Quinacridone        | 1047-16-1 | <13           |
| Phthalocyanine      | 547-93-6  | <12           |
| Nickel              | 7440-02-0 | <13           |
| Zinc                | 7440-66-6 | <7            |

Trade secret claim made in accordance with paragraph (i) of §1910.1200 of 29 CFR 1910.1200, the OSHA Hazard Communication Standard and U.S. Code of Federal Regulations. Specific component names and composition percentages have been withheld.

# Safety Data Sheet

Revision: 05/01/2017

## Section 4: First-Aid Measures

- After skin Contact:** Wash with soap and water. See a doctor if irritation persists.
- After eye Contact:** Flush with water for 15 minutes. See a doctor if symptoms persist.
- After ingestion:** See a doctor if there are symptoms of exposure.
- After inhalation:** See a doctor if there are symptoms of exposure.

## Section 5: Fire-Fighting Measures

- Flash Point:** N/A
- Flammable Classification:** N/A
- Extinguishing Media:** Carbon dioxide, water fog, foam, or dry chemical.
- Special Fire Fighting Procedures:** Use water to cool containers exposed to heat. Use self-contained breathing apparatus and full protective clothing for enclosed areas.
- Unusual Fire and Explosion Hazards:** Do not store with strong oxidants. Do not apply to hot surfaces. Contaminated rags or other organic materials are spontaneously combustible. Immerse in water after use. Decomposition and combustion products may be toxic.

## Section 6: Accidental Release Measures

- Steps to be Taken on Material Spill:** Contain spilled material by diking with inert materials. Transfer materials to containers for recovery or disposal.
- Waste Disposal Method:** Dispose as per local, state or EPA regulations.
- Other Precautions:** N/A

## Section 7: Handling and Storage

Store at room temperature. Do not contaminate food products. Wash hands after use. Avoid eye contact. Keep out of reach of children and pets. Do not spray apply, sand, or use other methods which generate dust or airborne concentrations.

## Section 8: Exposure Controls/Personal Protection

- Respiration Protection** Not required under normal use.
- Hand Protection** Not required under normal use.
- Eye Protection** Not required under normal use.
- Work/Hygienic Practices** All M. Graham products should be used in accordance with safe handling practices, including: do not eat, drink, or smoke when working with materials, avoid skin contact and wash after use. Keep materials out of reach of children.

# Safety Data Sheet

Revision: 05/01/2017

## Section 9: Physical and Chemical Properties

**Appearance:** Colored paste.

**Odor:** No significant odor.

**Specific Gravity (H<sub>2</sub>O = 1):** 1.1 – 2.0

**Boiling Point:** 212°F/100°C

**Vapor Density:** Heavier than air

**Evaporation Rate:** Slower than ether.

**Solubility in Water:** Dilutable.

## Section 10: Stability and Reactivity

**Stability:** Stable

**Conditions to Avoid:** None Known.

**Incompatibility:** None Known.

**Hazardous Decomposition:** Usual products of combustion: carbon dioxide, carbon monoxide, oxides of nitrogen. Above 800°C cadmiums decompose to toxic fumes of cadmium oxide, zinc oxide, sulfur dioxide and Selenium dioxide.

**Hazardous Polymerization:** Will not occur.

## Section 11: Toxicological Information

|                        |                            |
|------------------------|----------------------------|
| <b>Inhalation</b>      | No data available          |
| <b>Ingestion</b>       | No data available          |
| <b>Skin contact</b>    | Irritating effect possible |
| <b>Eye contact</b>     | Irritating effect possible |
| <b>Carcinogenicity</b> | No data available          |

## Section 12: Ecological Information

|                         |                   |
|-------------------------|-------------------|
| <b>Biodegradability</b> | Partial.          |
| <b>Bioaccumulative</b>  | No data available |
| <b>Aquatic toxicity</b> | No data available |

## Section 13: Disposal Considerations

If watercolor color must be disposed, allow to dry and dispose as solid waste as per local, state, or federal guidelines.

# Safety Data Sheet

Revision: 05/01/2017

## Section 14: Transport Information

|                         |             |
|-------------------------|-------------|
| <b>UN number</b>        | No          |
| <b>Hazard class</b>     | No          |
| <b>Packing group</b>    | No          |
| <b>Air transport</b>    | Unregulated |
| <b>Sea transport</b>    | Unregulated |
| <b>Inland transport</b> | Unregulated |

## Section 15: Regulatory Information

Regulated by the US Product Safety Commission for consumer product labeling.

Toxicological Certification: All M. Graham & Co. products are certified by an independent toxicologist for conformity to ASTM D4236 under LHAMA in a manner consistent with Consumer Product Safety Commission guidelines.

Products are labeled in compliance with LHAMA under 16 C.F.R. 1500.14 (b)(8).

## Section 16: Other Information

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or express arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

.\*\*\*\*\* END of document